

SOME NEW DISCOMYCETE NAMES

RICHARD P. KORF

*Plant Pathology Herbarium
Cornell University, Ithaca, New York*

Preparation of keys to the Discomycete genera (Korf, 1971) has led to several revisions by the author and his students, most of which are being reported elsewhere. This brief article involves validation of three new genera and forty-three new combinations in various Discomycete groups not currently being monographed by us.

NEW GENERA

CALLORINA Korf, *gen. nov.*

Apothecia subgelatinosa, erumpentia, denique patelliformia, carnea vel aurantiaca, hymenio concolore; excipulum ex textura angulari formatum, parietibus tenuibus, subhyalinibus; asci J-; ascosporae ellipticae-cylindricae, 1- vel 3-septatae, hyalinae; paraphyses filiformes, apice tumido. (Helotiales, Dermateaceae, Naevieae.) Species typica: *Peziza fusarioides* Berk.
(= *Calloria* Fr. sensu Tul. et Tul., non Fries.)

DENCOELIOPSIS Korf, *gen. nov.*

Apothecia coriacea, erumpentia, cupulata, breviter stipitata, rufo-fusca, pulverulenta vel furfuracea, hymenio flavido, in sicco nigrescente; excipulum ectale exterius ex cellulis globosis incohaerentibus et hyphis capilliformibus mixtis formatum; excipulum ectale interius ex textura porrecta formatum, parietibus luteis vel brunneis, granulatis; asci J+; ascosporae fusiformae, 1-septatae, hyalinae; paraphyses filiformes. (Helotiales, Leotiaceae, Encoelioideae.) Species typica: *Peziza johnstonii* Berk.
(= *Encoeliopsis* Nannf. sensu Dennis, non Nannfeldt.)

VELUTARINA Korf, *gen. nov.*

Apothecia coriacea, sessilia, cupulata, ferrugineo-brunnea, pulverulenta, hymenio viridulo vel nigro; cellulae vesiculosae pigmentum viridulum in excipulo disperso continentes; asci J+; ascosporae ellipticae, non septatae, hyalinae vel pallide brunneae, 1- vel 2-guttulatae; paraphyses cylindricae, apice clavato pigmentum olivaceum continente. (Helotiales, Leotiaceae, Encoelioideae.) Species typica: *Peziza rufo-olivacea* Alb. et Schw. ex Pers.
[= *Velutarina* Korf, *Mycologia* 45: 476. 1953, not validly published (Int. Code Botan. Nomencl. 1966, Art. 36).]

NEW COMBINATIONS

- Aparaphysaria aparaphysata* (Speg.) Korf, *comb. nov.*
 ≡ *Geopyxis aparaphysata* Speg., *Anales Mus. Nac. Buenos Aires* 6: 302. 1898.
 = *Aparaphysaria doelloi* Speg. 1922.
- Ascocoryne cylichnium* (Tul.) Korf, *comb. nov.*
 ≡ *Peziza cylichnium* Tul., *Ann. Sci. Nat., Bot.* III 20: 174. 1853.
 ≡ *Coryne cylichnium* (Tul.) Boud. 1907.
 = *Coryne urnalis* (Nyl.) Sacc. 1875.
- Ascocoryne microspora* (Ellis et Everh.) Korf, *comb. nov.*
 ≡ *Coryne microspora* Ellis et Everh., *Bull. Torrey Bot. Club* 24: 282. 1897.
- Ascocoryne turficola* (Boud.) Korf, *comb. nov.*
 ≡ *Coryne turficola* Boud., *Bull. Soc. Mycol. France* 21: 71. 1905.
- Blumeriella kerriae* (Stewart) Korf, *comb. nov.*
 ≡ *Coccomyces kerriae* Stewart, *Phytopathology* 7: 405. 1917.
 ≡ *Higginsia kerriae* (Stewart) Nannf. 1932.
- Boedijnopeziza colensoi* (Berk.) Korf et Erb, *comb. nov.*
 ≡ *Peziza colensoi* Berk. in Hooker, *Botany Antarctic Voyage* 2(2): 200. 1855.
 ≡ *Cookeina colensoi* (Berk.) Seaver 1913.
- Byssonectria aggregata* (Berk. et Br.) Rogerson et Korf, *comb. nov.*
 ≡ *Peziza aggregata* Berk. et Br., *Ann. Mag. Nat. Hist.* III 18: 123. 1866.
 ≡ *Octospora aggregata* (Berk. et Br.) Eckblad 1968.
 ≡ *Inermisia aggregata* (Berk. et Br.) Svrček 1969.
- Byssonectria fusispora* (Berk.) Rogerson et Korf, *comb. nov.*
 ≡ *Peziza fusispora* Berk., *Lond. J. Botany* 5: 5. 1846.
 ≡ *Octospora fusispora* (Berk.) Brumm. 1967.
 ≡ *Inermisia fusispora* (Berk.) Rifai 1968.
- Byssonectria tetraspora* (Fuckel) Korf, *comb. nov.*
 ≡ *Ascobolus tetrasporus* Fuckel, *Hedwigia* 5: 4. 1866.
 ≡ *Octospora tetraspora* (Fuckel) Korf 1955.

Callorina fusarioides (Berk.) Korf, *comb. nov.*

≡ *Peziza fusarioides* Berk., Mag. Zool. Bot. 1: 46. 1837.

≡ *Calloria fusarioides* (Berk.) Fr. 1849.

Ciboria peckiana (Cooke) Korf, *comb. nov.*

≡ *Helotium macrosporum* Peck, Ann. Rept. N. Y. S. Mus. 26: 82.

1874, non *Peziza macrospora* Wallr. 1833, nec *Ciboria macrospora* (Sacc.) Sacc. 1883.

≡ *Peziza peckiana* Cooke, Bull. Buff. Soc. Nat. Sci. 2: 294. 1875, *nom. nov.*

≡ *Rutstroemia macrospora* (Peck) Kanouse in Wehmeyer 1940.

Ciboria peckiana forma *gigaspora* (Korf) Korf, *comb. nov.*

≡ *Rutstroemia macrospora* (Peck) Kanouse in Wehm. f. *gigaspora* Korf, Bull. Nat. Sci. Mus. (Tokyo) 4: 396. 1959.

Cordierites frondosa (Kobayasi) Korf, *comb. nov.*

≡ *Bulgaria frondosa* Kobayasi, Bot. Mag. (Tokyo) 53: 158. 1939.

≡ *Ionomidotis frondosa* (Kobayasi) Kobayasi et Korf in Korf. 1958.

Cyathicula cyathoidea (Bull. ex Mérat) Korf, *comb. nov.*

≡ *Peziza cyathoidea* Bull. ex Mérat, Nouv. Flore Envir. Paris, ed. 2, 1: 23. 1821. : Fr. 1822.

≡ *Phialea cyathoidea* (Bull. ex Mérat) Gill. 1881.

≡ *Cyathicula vulgaris* de Not. 1864, *nom. nov. superf.*

Cyathicula helios (Penzig et Sacc.) Korf, *comb. nov.*

≡ *Davincia helios* Penzig et Sacc., Malpighia 15: 215. 1902; Icones Fung. Javan. p. 81. 1904.

Cyathicula sublicoides (Karst.) Korf, *comb. nov.*

≡ *Peziza sublicoides* Karst., Not. Sällsk. Fauna Flora Fenn. 10: 148. 1869.

≡ *Allophylaria sublicoides* (Karst.) Nannf. 1932.

Dencoeliopsis johnstonii (Berk.) Korf, *comb. nov.*

≡ *Peziza johnstonii* Berk., Ann. Mag. Nat. Hist. I 13: 356. 1844.

≡ *Encoeliopsis johnstonii* (Berk.) Dennis 1956.

Fimaria ripensis (E. C. Hansen) Korf, *comb. nov.*

≡ *Peziza ripensis* E. C. Hansen, Hedwigia 15: 97. 1876; Vidensk. Meddel. Naturh. Foren. Kjöbenh. 1876: 267. 1876.

Grovesiella ericae (Fr.) Korf, *comb. nov.*

≡ *Cenangium ericae* Fr., Syst. Myc. 2: 188. 1822.

≡ *Encoeliopsis ericae* (Fr.) Groves 1969.

Grovesiella ledi (Alb. et Schw. ex Pers.) Korf, *comb. nov.*

≡ *Peziza ledi* Alb. et Schw. ex Pers., Myc. Eur. 1: 324. 1822. :
Fr. 1822.

≡ *Encoeliopsis ledi* (Alb. et Schw. ex Pers.) Groves 1969.

Laetinaevia caulophylli (Ellis et Everh.) Korf, *comb. nov.*

≡ *Orbilbia caulophylli* Ellis et Everh., Proc. Acad. Nat. Sci.,
Philadel. 1893: 145. 1893.

Melastiza flavorubens (Rehm in Rabenh.) Pfister et Korf,
comb. nov.

≡ *Humaria flavorubens* Rehm in Rabenh., Kryptogamen-Flora Deutschl.,
Oesterr. Schweiz II 1(3) [42]: 960. 1894.

= *Melastiza greletii* Le Gal 1958.

Neocudoniella albiceps (Peck) Korf, *comb. nov.*

≡ *Ombrophila albiceps* Peck, Ann. Rept. N. Y. S. Mus. 42: 130.
1889.

≡ *Leotia albiceps* (Peck) Mains 1956.

= *Neocudoniella jezoensis* Imai 1941.

Neolecta irregularis (Peck) Korf et J. K. Rogers, *comb. nov.*

≡ *Geoglossum irregulare* Peck, Ann. Rept. N. Y. S. Mus. 32: 45.
1879.

≡ *Mittrula vitellina* (Bres.) Sacc. in Sacc. et Bres. subsp.
irregularis (Peck) Sacc. 1889.

≡ *Mittrula irregularis* (Peck) Durand 1908.

≡ *Ascocoryneum irregulare* (Peck) Ito et Imai in Imai 1934.

≡ *Spragueola irregularis* (Peck) Nannf. 1942.

= *Spragueola americana* Masee 1896.

Neolecta vitellina (Bres.) Korf et J. K. Rogers, *comb. nov.*

≡ *Geoglossum vitellinum* Bres., Rev. Mycol. 4: 212. 1882.

≡ *Mittrula vitellina* (Bres.) Sacc. in Sacc. et Bres. 1885.

≡ *Ascocoryneum vitellinum* (Bres.) Ito et Imai in Imai 1934.

≡ *Spragueola vitellina* (Bres.) Nannf. 1942.

Pezoloma ciliifera (Karst.) Korf, *comb. nov.*

- ≡ *Peziza ciliifera* Karst., Not. Sällsk. Fauna Flora Fenn. 10: 153. 1869.
- ≡ *Sphagnicola ciliifera* (Karst.) Vel. 1934.
- ≡ *Pseudodiscinella ciliifera* (Karst.) Dennis 1956.
- = *Lachnea ciliata* Vel. 1922, monotype of genus *Ciliatula* Vel. 1922.

Pezoloma fergussonii (Sacc.) Korf, *comb. nov.*

- ≡ *Helotium melleum* Berk. et Br., Ann. Mag. Nat. Hist. IV 15: 38. 1875, non *H. melleum* Berk. et Br. 1873.
- ≡ *Helotium fergussonii* Sacc., Syll. Fung. 8: 223. 1889, *nom. nov.*
- ≡ *Sphagnicola fergussonii* (Sacc.) Dennis 1964.

Pezoloma iodocyanescens (Dennis et Korf) Korf, *comb. nov.*

- ≡ *Sphagnicola iodocyanescens* Dennis et Korf, Kew Bull. 1958: 181. 1958.

Pezoloma laricina (Ellis et Everh.) Korf, *comb. nov.*

- ≡ *Pseudohelotium laricinum* Ellis et Everh., Proc. Acad. Nat. Sci., Philadel. 1894: 349. 1894.
- ≡ *Sphagnicola laricina* (Ellis et Everh.) Dennis 1964.

Pezoloma obstricta (Karst.) Korf, *comb. nov.*

- ≡ *Peziza obstricta* Karst., Not. Sällsk. Fauna Flora Fenn. 10: 151. 1869.
- ≡ *Pseudodiscinella obstricta* (Karst.) Dennis 1956.
- ≡ *Sphagnicola obstricta* (Karst.) Dennis et Korf 1958.

Phaeosclerotinia phaeospora (Hori) Korf, *comb. nov.*

- ≡ *Sclerotinia phaeospora* Hori, Engei no Tomo 8: 953. 1912.
- ≡ *Phaeosclerotinia nipponica* Hori in Sasaki ("*Phaeosclerotinia*"), Nippon Engei Zasshi 25: 38. [15. Mar.] 1913; (*Phaeosclerotinia*) Engei no Tomo 9: 351. [5 Apr.] 1913, *nom. nov. superfl.*

Pulparia persoonii (Crouan et Crouan) Korf, Pfister et Rogers, *comb. nov.*

- ≡ *Ascobolus persoonii* Crouan et Crouan, Fl. Finestère p. 56. 1867, (lectotypified by Brummelen 1967).
- ≡ *Marcelleina persoonii* (Crouan et Crouan) Brumm. 1967.

- Pulparia planchonis* (Dun. ex Boud.) Korf, Pfister et Rogers, *comb. nov.*
 ≡ *Plicaria planchonis* (Dun.) ex Boud., Bull. Soc. Mycol. France 3: 92. 1887.
 = *Marcellina atroviolacea* Brumm. 1967.
 ≡ *Peziza atroviolacea* Delile ex de Seynes 1886, non *Peziza atroviolacea* Bres. 1882.
- Pulparia planchonis* forma *ovalispora* (Grelet) Korf, Pfister et Rogers, *comb. nov.*
 ≡ *Plicaria planchonis* (Dun.) ex Boud. var. *ovalispora* Grelet, Bull. Soc. Mycol. France 42: 203. 1927.
- Sarcoleotia globosa* (Sommerf.) Korf, *comb. nov.*
 ≡ *Mitruia globosa* Sommerf., Suppl. Fl. Lappl. p. 287. 1826.
 ≡ *Corynetes globosus* (Sommerf.) Durand 1908.
- Sowerbyella imperialis* (Peck) Korf, *comb. nov.*
 ≡ *Peziza imperialis* Peck, Ann. Rept. N. Y. S. Mus. 29: 54. 1878, non *P. imperialis* Beck 1884.
 = *Aleuria unicolor* Gill., Champ. Fr., Discom. p. 38. 1880.
 ≡ *Sowerbyella unicolor* (Gill.) Nannf. 1938.
 ≡ *Pseudotis unicolor* (Gill.) Heim 1962.
- Tarzetia bronca* (Peck) Korf et J. K. Rogers, *comb. nov.*
 ≡ *Peziza bronca* Peck, Ann. Rept. N. Y. S. Mus. 29: 54. 1878.
 ≡ *Pustularia bronca* (Peck) Kanouse 1950.
 ≡ *Pustulina bronca* (Peck) Korf et Berthet in Berthet et Korf 1969.
- Tarzetia catinus* (Holmskj. ex Pers.) Korf et J. K. Rogers, *comb. nov.*
 ≡ *Peziza catinus* Holmskj. ex Pers., Myc. Eur. 1: 231. 1822. : Fr. 1822.
 ≡ *Pustularia catinus* (Holmskj. ex Pers.) Fuckel 1870.
 ≡ *Pustulina catinus* (Holmskj. ex Pers.) Eckblad 1968.
 = *Peziza tarzetta* Cooke, Mycographia p. 166. 1877; nomenclatural type of *Peziza* subgen. *Tarzetta* Cooke, Mycographia p. 251. 1879 (Int. Code Botan. Nomencl. 1966, Art. 22), hence also the nomenclatural type of *Tarzetta* (Cooke) Lambotte 1887).
- Tarzetia gaillardiana* (Boud.) Korf et J. K. Rogers, *comb. nov.*
 ≡ *Pustularia gaillardiana* Boud., Bull. Soc. Mycol. France 18: 141. 1902.
 ≡ *Pustulina gaillardiana* (Boud.) Pant et Tewari 1971.

- Tarzetta insignis (Berthet et Rioussset) Korf et J. K. Rogers, *comb. nov.*
 ≡ *Pustularia insignis* Berthet et Rioussset, Bull. Soc. Mycol. France 79: 392, 397. 1963.
 ≡ *Pustulina insignis* (Berthet et Rioussset) Korf et Berthet in Berthet et Korf 1969.
- Unguiculariopsis hysterigena (Berk. et Br.) Korf, *comb. nov.*
 ≡ *Peziza hysterigena* Berk. et Br., J. Linn. Soc. (London) 14: 106. 1873.
 = *Peziza ravenelii* Berk. et Curtis in Berk. 1875.
 ≡ *Encoeliella ravenelii* (Berk. et Curtis in Berk.) Höhn. 1910.
- Unguiculariopsis infundibuliformis (Durand) Korf, *comb. nov.*
 ≡ *Midotis infundibuliformis* Durand, Proc. Amer. Acad. Arts Sci. 59: 7. 1923.
- Velutarina rufo-olivacea (Alb. et Schw. ex Pers.) Korf, *comb. nov.*
 ≡ *Peziza rufo-olivacea* Alb. et Schw. ex Pers., Myc. Eur. 1: 251. 1822. : Fr. 1822.
 ≡ *Velutaria rufo-olivacea* (Alb. et Schw. ex Pers.) Fuckel 1870.
 [= *Velutarina rufo-olivacea* (Alb. et Schw. ex Pers.) Korf 1953, not validly published (Int. Code Botan. Nomencl. 1966, Art. 43).]

ACKNOWLEDGMENTS

This work has been supported by National Science Foundation Grant GB-8548, "Monographic and Floristic Studies of the Discomycetes." The able technical assistance of Mrs. Patricia Fazio allowed these studies to be completed. Most of all I owe a very deep debt to my many students, present and past, whose unfailing and friendly help, criticism, and forbearance can never be repaid. Throughout much of the work, a motto coined by one of my students (Joanne K. Rogers, *in litt.*) has helped me through some of the more difficult times: "No name change today can eradicate the confusion of the past!"

LITERATURE CITED

- Korf, R. P. (1971). Discomycetes and Tuberales. In "The Fungi: An Advanced Treatise," (G. C. Ainsworth, A. S. Sussman and F. K. Sparrow, eds.), Volume IV. Academic Press, New York & London.